Electronic Acknowledgement Receipt					
EFS ID:	9132791				
Application Number:	10531772				
International Application Number:					
Confirmation Number:	6021				
Title of Invention:	JOINT SYMBOL, AMPLITUDE, AND RATE ESTIMATOR				
First Named Inventor/Applicant Name:	Thomas P. McElwain				
Customer Number:	22500				
Filer:	Andrew Paul Cernota/Jacqueline Judkins				
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Application Type:	U.S. National Stage under 35 USC 371				

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	20030076-US Transmittal.pdf	72557	no	1
·			f040ac59abf69605b3aaa8863a03df6aec47f e8a		

Warnings:

Information:

2	Request for Certificate of Correction	20030076-	95440	no	2				
	nequestroi certificate of correction	US_CertificateOfCorrection.pdf	c41783a9b3b134ec6aeb2390de43ee31d06 87e6c						
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		Total Files Size (in bytes)	167997						

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.